

NOTEWORTHY PLANTS FROM NORTH FLORIDA. II.

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ABSTRACT

The following appear to be first reports for the state of Florida: *Agrostis elliotiana*, *Aster hemisphericus*, *Plantago rugelii*, *Ratibida columnifera*, *Salix eriocephala*, *Stachys tenuifolia*, *Veronica agrestis*, and *Vicia hugeri*. Over 30 additions to the flora of the Florida panhandle are documented here.

This is the second installment of an anticipated series (Anderson 1984) to update our knowledge of the flora of the Florida panhandle and Clewell's guide (1985) to the flora. The area of coverage is from Madison, Lafayette, and Dixie counties west to the Alabama state line. New discoveries and significant range extensions are given; a few collections appear to be first reports for the entire state. Exotics that appear to be adventive or naturalized are also listed. Voucher specimens are at FSU unless noted otherwise.

Some adjustments or clarifications in nomenclature are reported to reflect current understanding. Additional nomenclatural changes that affect our flora are recorded by Wunderlin et al. (1985).

AGROSTIS ELLIOTTIANA Schult. Gadsden Co.: Chattahoochee, A. K. Gholson 10845 (FLAS), R. K. Godfrey 81222; native, new to Florida.

ALSTROEMERIA PSITTACINA Lehm. Gadsden Co.: large colony naturalized over 10 years (A. K. Gholson, pers. comm.), Chattahoochee, L. C. Anderson 8211; new to Florida panhandle.

ALYSICARPUS OVALIFOLIUS (Schum. & Thonn.) J. Leonard. This is the common species in the southeastern United States rather than *A. vaginalis* (L.) DC. The latter is found in Florida in Dade and Monroe Counties and is the common species in the Caribbean region. Our species can be distinguished by its lax inflorescences and larger leaves; *A. vaginalis* has dense short spikes and smaller leaves (R. Wunderlin, pers. comm.).

AMARANTHUS LIVIDUS L. Franklin Co.: Apalachicola, L. C. Anderson 7359; new to Florida panhandle.

ARISTIDA RAMOSISSIMA Engelm. ex Gray var. CHASEANA Henr. Bay Co.: Westbay, R. K. Godfrey 73951 (det. K. Allred); new to Florida panhandle.

ASCLEPIAS VIRIDULA Chapm. Washington Co.: Rock Hill, 3.5 air mi SE

of Chipley, *L. C. Anderson* 8464; range extension to the northwest for this Florida endemic.

ASTER HEMISPHERICUS Alex. Washington Co.: Rock Hill, 3.5 air mi SE of Chipley, *R. K. Godfrey* 81896, *R. Kral* 3521 (det. J. Semple); native, new to Florida. Clewell (1985) said "reportedly from the western panhandle." These collections confirm its presence in the state.

ASTER LONGIFOLIUS Lam. Jefferson Co.: 5.3 mi S of Wacissa, *R. K. Godfrey* 80175; Wakulla Co.: vic. Newport, *R. K. Godfrey* 80177 (det. A. G. Jones); new to Florida panhandle.

ASTER SIMMONDSII Small. Franklin Co.: Bloody Bluff, 10 air mi N of Apalachicola, *L. C. Anderson* 7776, 3 air mi SW of Sumatra, *L. C. Anderson* 7816, 7817; Wakulla Co.: McBride Slough, *L. C. Anderson* 7765, St. Marks, *R. K. Godfrey* 67760 (det. A. G. Jones); new to Florida panhandle.

CAMPANULA FLORIDANA S. Wats. ex Gray. Franklin Co.: 5 air mi S of Sopchoppy, *L. C. Anderson* 8250. This is a range extension westward from Taylor County.

CERATOPHYLLUM MURICATUM Cham. Franklin Co.: Cape St. George Island, *L. C. Anderson* 9064. The species was listed from neighboring St. Vincent Island by Chapman (1897); he listed it tentatively (under its synonym) as follows: "*Ceratophyllum echinatum* Gray?". Clewell (1985) did not list the species under either name.

CRATAEGUS PHAENOPYRUM (L. f.) Medic. Washington Co.: 5.5 air mi SW of Chipley, *L. C. Anderson* 8206; *R. K. Godfrey* 81202. Coker and Totten (1934) reported the species (as *C. youngii* Sarg.) from Wakulla County, but the Wakulla station has not been rediscovered, and the taxon is not listed by Clewell (1985).

ELEOCHARIS TORTILIS (Link) Schultes in R. & S. Franklin Co.: Shell Hammock, 5.5 air mi SW of Panacea, *L. C. Anderson* 8275; Gulf Co.: M & K tract, 8.5 air mi NW of Apalachicola, *L. C. Anderson* 8833. Clewell (1985) reported this species was known in the panhandle only from one specimen collected by Chapman in Gadsden County.

HYDROCOTYLE SIBTHORPIOIDES Lam. Jackson Co.: Neal's Landing, Lake Seminole, *L. C. Anderson* 8449, *A. K. Gholson* 11290; new to Florida panhandle.

IMPATIENS BALSAMINA L. Bay Co.: Callaway, *W. S. Judd* 2307 (FLAS); Leon Co.: Lake Ella, Tallahassee, *L. C. Anderson* 8082; adventive, new to Florida panhandle.

ISOTRIA VERTICILLATA (Muhl. ex Willd.) Raf. Washington Co.: ca. 6 air mi SE of Vernon, *L. C. Anderson* 8194. Correll (1950) reported this orchid from Gadsden County, but its occurrence there has not been rediscovered.

LINDERNIA GRANDIFLORA Nutt. Franklin Co.: 4.7 air mi S of Sopchoppy, *L. C. Anderson* 6995, 7105; Jefferson Co.: E of Newport, 2 mi W of Aucilla River, *R. K. Godfrey* 81768; new to Florida panhandle.

LUDWIGIA CURTISSII Chapm. Franklin Co.: St George Island, *R. K. Godfrey* 71148 (det. Ching I-Peng); new to Florida panhandle.

LUDWIGIA ERECTA (L.) Hara. Franklin Co.: sandbar at milepost 7.1 on Apalachicola River, *L. C. Anderson* 8528, 8677; Gulf Co.: Brothers River, 13 air mi N of Apalachicola, *L. C. Anderson* 8932; new to Florida panhandle.

LUDWIGIA LANCEOLATA Ell. Jefferson Co.: Lloyd, *R. K. Godfrey* 61411; Madison Co.: 8 mi W of Greenville, *R. Kral* 3741; Taylor Co.: 1.2 mi SE of Salem, *R. K. Godfrey* 64738; Wakulla Co.: NW of Crawfordville, *R. K. Godfrey* 64876 (det. Ching I-Peng); new to Florida panhandle. This species is listed under *L. alata* Ell. by Clewell (1985). Both species occur in our area; *L. lanceolata* has sepals about half as long as the capsule and pollen shed in tetrads, whereas *L. alata* has sepals nearly as long as the capsule and pollen shed singly.

MANISURIS CYLINDRICA (Michx.) Kuntze. Jackson Co.: Apalachee Game Management Area, N of Sneeds, *J. B. Nelson & G. R. Knight* 2615; new to Florida panhandle.

MARSILEA UNCINATA A. Br. Franklin Co.: N. Market Street, Apalachicola, *L. C. Anderson* 7625, 8009, *A. K. Gholson* 11212. A second population of *Marsilea* from Avenue K in Apalachicola (*L. C. Anderson* 7356) has not produced sporocarps during the past year, so its identity as *M. vestita* or *M. uncinata* has not been resolved.

A collection of *M. vestita*, so annotated by D. S. Correll, from Apalachicola (*Chapman* in 1860) was cited by Ward and Hall (1976). They suggested the label data may be in error because Chapman (1897) did not list the species for Florida. Johnson (1986) has determined *M. uncinata* to be synonymous with *M. vestita* ssp. *vestita*, so all Franklin Country collections are *M. vestita*.

MENTHA PIPERITA L. Franklin Co.: Apalachicola, *L. C. Anderson* 7357, 7535; Wakulla Co.: St. Marks, *R. K. Godfrey* 64407.

MENTHA ROTUNDIFOLIA (L.) Juds. Franklin Co.: Avenue F, Apalachicola, *L. C. Anderson* 7352, Avenue M, Apalachicola, *L. C. Anderson* 8312; naturalized, new to Florida panhandle.

OENOTHERA NUTANS Atkins. Jackson Co.: Caverns State Park, *R. S. Mitchell* 824; Leon Co.: Tallahassee, *W. D. D'Arcy* 1299 (FLAS); Liberty Co.: rte 20 near Ochlockonee River, *R. R. Smith* 1936 (FLAS) (det. W. Dietrich); new to Florida panhandle.

PHYSALIS CORDATA Miller. Dixie Co.: Suwannee River, E of Old Town, *R. K. Godfrey* 65885; Gadsden Co.: Quincy, *R. K. Godfrey* 67548 (det. J. R. Sullivan); new to Florida panhandle.

PHYSALIS WALTERI Nutt. is the correct name for Florida plants previously referred to as *P. viscosa* L. (det. J. R. Sullivan).

PLANTAGO HETEROPHYLLA Nutt. Calhoun Co.: Chipola River, *H. Kurz* in 1943 (FLAS); Gadsden Co.: Chattahoochee, *R. K. Godfrey* 81234, Quincy, *E. West* in 1933 (FLAS); Jackson Co.: Paramore Landing, Lake Seminole, *A. K. Gholson* 10309; Leon Co.: Tallahassee, *L. C. Anderson* 8004; new to Florida panhandle.

PLANTAGO RUGELII Decne. Leon Co.: Lakeshore Drive, Tallahassee, *L. C. Anderson* 5952 (det. J. Bassett), 8442; ruderal native, new to Florida.

POLYGALA VERTICILLATA L. Wakulla Co.: Hwy 98, N of St. Marks, *L. C. Anderson* 8290; new to Florida panhandle.

POLYGONUM AVICULARE L. Franklin Co.: Apalachicola, *R. K. Godfrey* 81441; new to Florida panhandle.

RATIBIDA COLUMNIFERA (Nutt.) Woot. & Standl. f. *PULCHERRIMA* (DC.) Fern. Leon Co.: Madiera Circle, Tallahassee, *L. C. Anderson* 8064, 8078; adventive, new to Florida (possibly escaped from cultivation but not seen in local gardens).

SALIX ERIOCEPHALA Michx. Gadsden Co.: E of Little River on I-10, *A. K. Gholson* 11533; Jackson Co.: 7 mi W of Malone, *R. K. Godfrey* 79125, 79360, 79419, 80348, 80757 (det. G. Argus); native, new to Florida as far as the name is concerned. Listed as *S. rigida* Muhl. in Clewell (1985); the latter does not occur in north Florida.

SCOPARIA MONTEVIDENSIS (Spreng.) R. E. Fries. Santa Rosa Co.: Milton, *J. R. Burkhalter* 9199; Wakulla Co.: NE of Medart near junction hiways 98 and 319, *L. C. Anderson* 7263. This South American species was first collected in Florida at Port St. Joe, Gulf Co., *M. F. Baker* in 1939 (FLAS) and at Carrabelle, Franklin Co., *M. F. Baker* in 1940 (FLAS). It has not been re-collected at Port St. Joe, but it is represented by many collections from Franklin County. The species is now spreading.

STACHYS TENUIFOLIA Willd. var. *PERLONGA* Fern. Gadsden Co.: 3 air mi SE of Havana, *L. C. Anderson* 7378, 8448; native, new to Florida. These plants are atypically bristly with branching inflorescences and are tentatively placed as var. *perlonga* (J. B. Nelson, pers. comm.). Small (1933) listed the species for Florida, but Nelson (1981) found no extant specimens for the state. Closest known populations of the variety are in northern Georgia and southern Mississippi.

STELLARIA PROSTRATA Baldw. Franklin Co.: St. Vincent Island, *L. C. Anderson* 7024; new to Florida panhandle.

THELYPTERIS INTERRUPTA (Willd.) Iwatsuki. Franklin Co.: 1.5 mi S of Bald Point, 7.8 air mi SE of Panacea, *L. C. Anderson* 7753, 9073. This tropical fern was first reported for north Florida from Dog Island, Franklin Co., by Anderson and Alexander (1985). The Dog Island population was severely damaged by hurricane Elena in September, 1985; the mainland population may have the only extant plants in the area.

VERONICA AGRESTIS L. Franklin Co.: Commerce Street, Apalachicola, flowers white, capsule 4-5 mm long with short, stout style, *L. C. Anderson* 7919; adventive, new to Florida.

VERONICA POLITA Fries. Pensacola, *J. R. Burkhalter* 3482; new to Florida panhandle. This species is sometimes included as part of *V. agrestis*; the two are distinguished by Pennell (1921).

VICIA FLORIDANA S. Wats. Franklin Co.: McIntyre on Ochlockonee River, *L. C. Anderson* 7005; range extension westward from Taylor County.

VICIA HUGERI Small. Jackson Co.: Three Rivers State Rec. Area, N of Sneads, *G. R. Knight* 414; native, new to Florida.

VIOLA SORORIA Willd. Nearly glabrous plants from Florida with light-colored flowers that have been assigned to this species have been problematic. Cooperrider's treatment (1884) is followed here. *Viola sororia* f. *beckwithae* House. Franklin Co.: cemetery, Apalachicola, *R. K. Godfrey* 76266; Jefferson Co.: 3.2 mi N of Waukeenah, *L. C. Anderson* 7846; Leon Co.: Tallahassee, *L. C. Anderson* 7834, 7848; new to Florida panhandle. *Viola sororia* f. *priceana* (Poll.) Cooperrider. Dixie Co.: Suwanee, SE of rte 249, *S. W. Leonard* 8087; new to Florida panhandle.

YUCCA GLORIOSA L. Franklin Co.: Bald Point, facing Ochlockonee Bay, *L. C. Anderson* 7747; new to Florida panhandle. The collection was from a sandy, rear-dune setting far from habitation, but the plants are probably adventive rather than relictual.

ZEPHYRANTHES CANDIDA (Lindl.) Herbert. Franklin Co.: naturalized along Avenue K (also on Avenue F) in Apalachicola, *L. C. Anderson* 7537; new to Florida panhandle.

ZEPHYRANTHES GRANDIFLORA Lindl. Franklin Co.: naturalized at Brickyard Landing, Apalachicola River, *L. C. Anderson* 7326; new to Florida panhandle.

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